

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
H-32682A  
APPLICATION NO.  
Not Yet Assigned  
APPLICANT  
LIEM ET AL.  
FILING DATE  
HEREWITH

Group

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
MH ↓	AA	5,455,034	10/3/95	Nagaraja et al.	424	236	6/18/93
	AB	5,492,694	2/20/96	Nagaraja et al.	424	236	11/3/94
	AC	5,861,162	1/19/99	Nagaraja et al.	424	203.1	6/7/95
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
MH ↓	AM	EP 460,480	12/1/91	Europe	A61K	35/74	<input type="checkbox"/>	<input type="checkbox"/>
	AN	RU 2,043,770	2/1/93	Russia			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

MH ↓	AR	J. Vet Diagn Invest 5:282-283 (1993) Outer membrane proteins of <i>Fusobacterium necrophorum</i> biovars A, AB and B: their taxonomic relationship to <i>F. Necrophorum</i> subspecies <i>necrophorum</i> and <i>F. necrophorum</i> subspecies <i>funduliforme</i> , Patricia C. Ainsworth, Charles M. Scanlan
	AS	Veterinary Microbiology 32 (1992) 15-28, Elsevier Science Publishers B.V. Amsterdam; Factors affecting the leukotoxin activity of <i>Fusobacterium necrophorum</i> <sup>1</sup> , Z.L. Tan <sup>2</sup> , T.G. Nagaraja <sup>3</sup> and M.M. Chengappa <sup>4</sup> , pages 15-28
	AT	Am J. Vet Res. Vol. 47, No. 7, July 1986, Biochemical characterization of the leukotoxins of three bovine strains of <i>Fusobacterium necrophorum</i> ; C.M. Scanlan, DVM, Ph.D.; J.N. Berg, DVM, Ph.D.; F.F. Campbell, BS, pages 1422-1425

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449  
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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Sheet 2 of 2

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INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

vff	DA	Boslego et al., Vaccines and Immunotherapy, Chapter 17, pp. 211-223, (1991)
	DB	
	DC	
	DD	
	DE	
	DF	
	DG	
	DH	
	DI	
	DJ	
	DK	
	DL	
	DM	
	DN	

EXAMINER:

*[Signature]*

DATE CONSIDERED

4/7/05

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.